AE6/550/SBM/164/16-17 dt 28/6/16

1st & final

Original/Duplicate/Triplicate

No.

CONTRACT CERTIFICATE

(For Other Works)

Division DD Sub-Division Date

Bill Received No. 697 Dated 31/3/17

Scheduled Docket No. Cash Book Voucher No. Dated

Head of Account

Name of work (as per sanctioned estimate) **Improvements to main & cross roads at Reddy layout Ravindranagara air force compound in Ward No.12, Shettyhalli Sub Division.**

Name of Contractor and Full Address **Technical manager (West), KRIDL, PI Unit**

Reference to Agreement No. **EE/DD/WO/ /14-15** Date **25.06.2014**

Certified that the measurements were taken by me on 28/3/17 and recorded in pages 490723 - 490731 of measurements Book No. 5906/2 (and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer - In - charge of work

Certified that the measurements were checked by me on 28/3/2017 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment **Job Code : 012-14-000023**

		AMOUNT
1.	Total value of work done or supplies made as per account	4952339=00
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments: 1st and Final Bill Amount	4907229=00
	a) Amount of previous payment as in the Office Cash Book Voucher No. ..... Dated ..... S.D. No. ..... Amount adjusted towards cash advance recovery of	IT 98150=00
	b) Payments cost store or other materials supplied	SWT 196369=00
5.	Balance being unpaid value of work done held in reserve	655184=00
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	FBD 660583=00
7.	Net amount due to or from contractor	LWC 490723=00
	Unadjusted items	LD 6130=00
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	CBF 4908=00
		Net Amount 4252540=00
		Total amount adjusted ... 4291756=00

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ..... (In words) .....

..... by cash and by adjustment of

Payment as per memorandum.

Witness 1/8 (In final settlement of all demand)

1.

2.

Date

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of Contractor

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

(For use in the Office)

P-2434

4952339=00
4907229=00
4252540=00
4291756=00
660583=00
655184=00

Executive Engineer

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total	
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	
1	Earthwork in surface excavation in Hard Soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and after breaking of clods and neatly dressed as per specifications	Cum			987.00	177.12	174817.00	987.00	17
2	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum			163.37	4290.84	700995.00	163.37	7009
3	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C. works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams	Cum			82.00	6464.88	530120.00	82.00	530120
4	Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum fine aggregates @ 0.459 cum, with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery curing, complete as per specifications.	Cum			153.05	5639.76	863165.00	153.05	863165.00
5	Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500	Qtls			91.83	7450.92	684218.00	91.83	684218.00
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.9 exceeding 1m in depth.	Sqm			1395.90	266.06	371393.00	1395.90	371393.00
7	Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading - I Material.	Cum			191.10	1060.56	202673.00	191.10	202673.00
8	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum			191.10	1121.04	214231.00	191.10	214231.00
9	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications	Sqm			1274.00	44.28	56413.00	1274.00	56413.00

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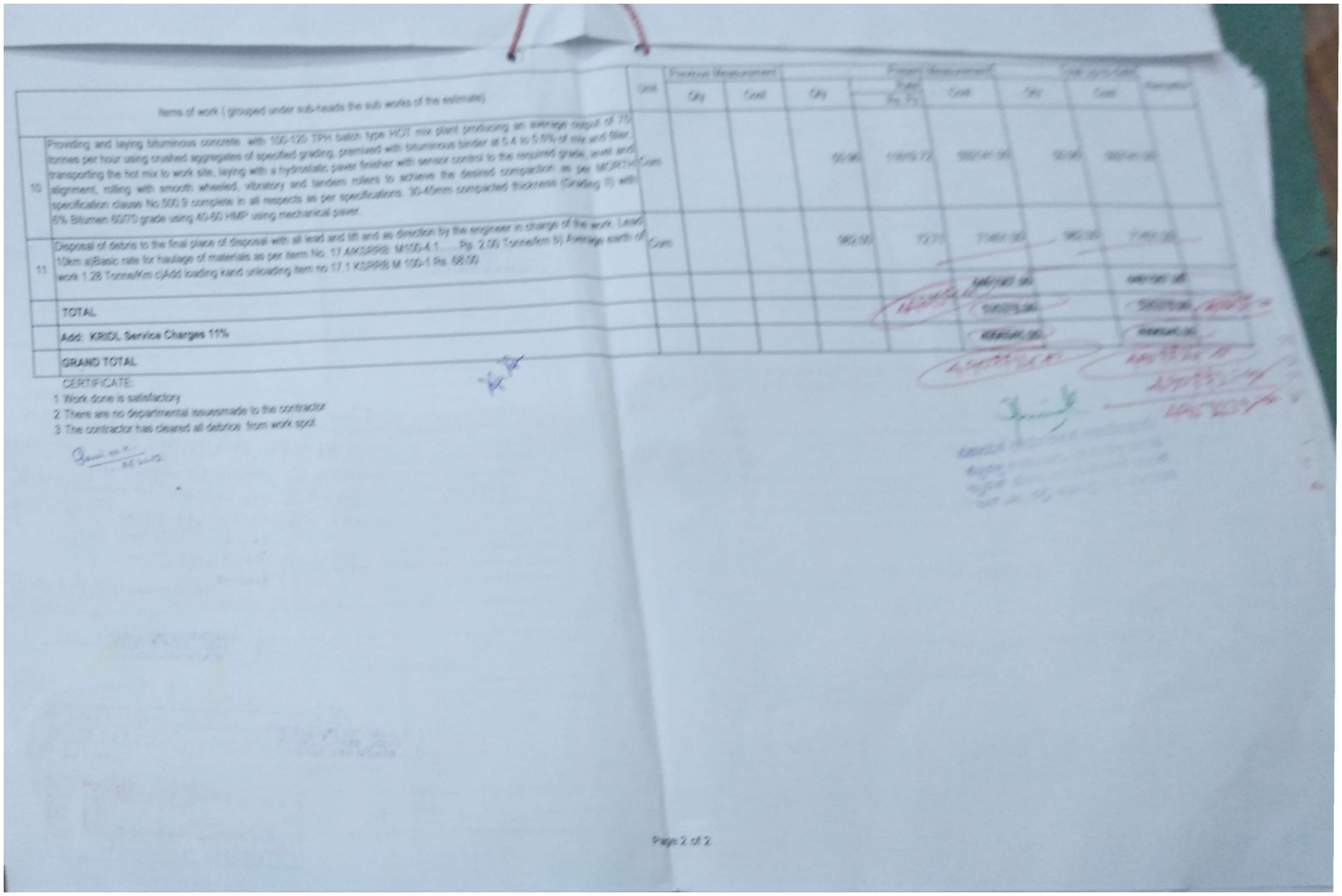

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Cost up to Date		Remarks
			Qty	Cost	Qty	Rate Rs. P's	Cost	Qty	Cost	
10	Providing and laying bituminous concrete with 100-120 TPH batch type HOT mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired comparction as per MORTH specification clause No.500.9 complete in all respects as per specifications. 30-45mm compacted thickness (Grading II) with 6% Bitumen 60/70 grade using 40-60 HMP using mechanical paver.	Cum			90.00	11619.72	[illegible]	90.00	[illegible]	
11	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work. Lead 10km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB M:100-4.1 .....Rs. 2.00 Tonne/km b) Average earth of work 1.28 Tonne/Km c)Add loading kand unloading item no 17.1 KSRRB M:100-1 Rs. 68.00	Cum			960.00	72.71	71481.00	960.00	71481.00	
							[illegible]		[illegible]	
	TOTAL						[illegible]		[illegible]	
	Add: KRIDL Service Charges 11%						[illegible]		[illegible]	
	GRAND TOTAL						[illegible]		[illegible]	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

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